

CLAIMS

1. Windshield wiper device, in particular for a motor vehicle, with at least one wiper arm, which can be attached to an end area (21, 51) of a shaft (20, 50) by means of a fastening part (23, 31, 41, 53, 61, 71, 81) that is attached to it, characterized in that the fastening part (23, 31, 41, 53, 61, 71, 81) is provided with a reinforcing element (24, 30, 40, 54, 60, 70, 80) for optimal transmission of torque.
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2. Windshield wiper device according to Claim 1, characterized in that the reinforcing element (24, 30, 40, 54, 60, 70, 80) features a diameter to which it is symmetrical.
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3. Windshield wiper device according to Claim 1 or 2, characterized in that the reinforcing element (24, 30, 40, 54, 60, 70, 80) is attachable to a shaft (20, 50) whose end area (21, 51) is conical.
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4. Windshield wiper device according to one of Claims 1 through 3, characterized in that the reinforcing element (24, 30, 40) encloses the fastening part (53, 61, 71, 81) from the outside.
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5. Windshield wiper device according to one of Claims 1 through 3, characterized in that the fastening part (53, 61, 71, 81) encloses the reinforcing element (54, 60, 70, 80) from the outside.
6. Windshield wiper device according to Claim 5, characterized in that the reinforcing element (54, 60, 70, 80) features a polygonal outer contour.
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7. Windshield wiper device according to Claim 5, characterized in that the reinforcing element (54, 60, 70, 80) features an opening with a round inner contour that is provided with a smooth inner wall.
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8. Windshield wiper device according to one of Claims 5 through 7, characterized in that the reinforcing element (54, 60, 70, 80) is fit into the fastening part (53, 61, 71, 81) via a press fit.

9. Windshield wiper device according to one of Claims 1 through 8, characterized in that the reinforcing element (70, 80) can be axially caulked.
10. Windshield wiper device according to one of Claims 1 through 9, characterized in that the reinforcing element (24, 30, 40, 54, 60, 70, 80) is a supporting ring.
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11. Windshield wiper device according to Claim 10, characterized in that the supporting ring is a metal part, in particular a turned part or a diecast part.
- 10 12. Windshield wiper device according to Claim 10 or 11, characterized in that the supporting ring is an insert, around which it is possible to injection mold with plastic to manufacture the fastening part (23, 31, 41, 53, 61, 71, 81).